

FIG.1

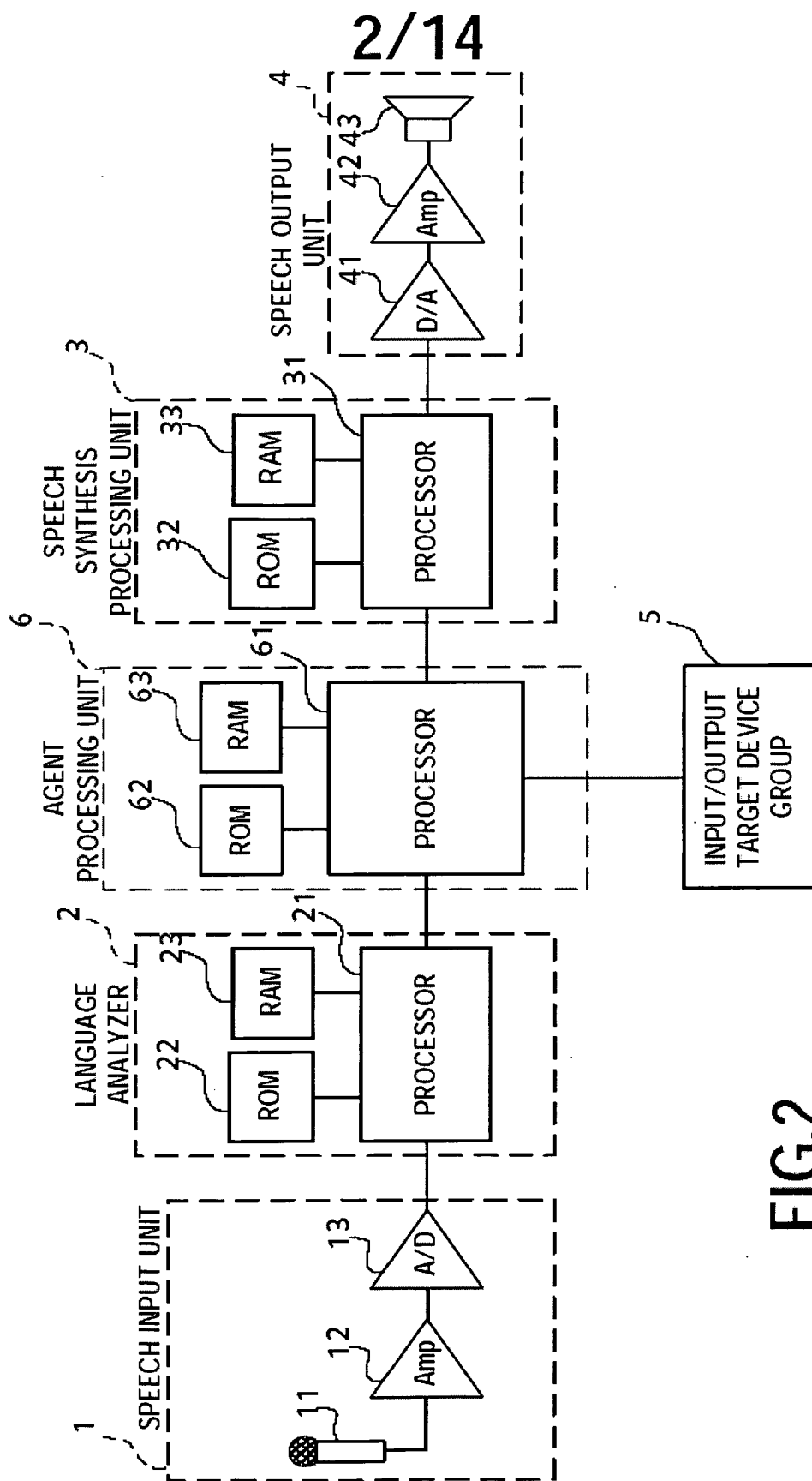
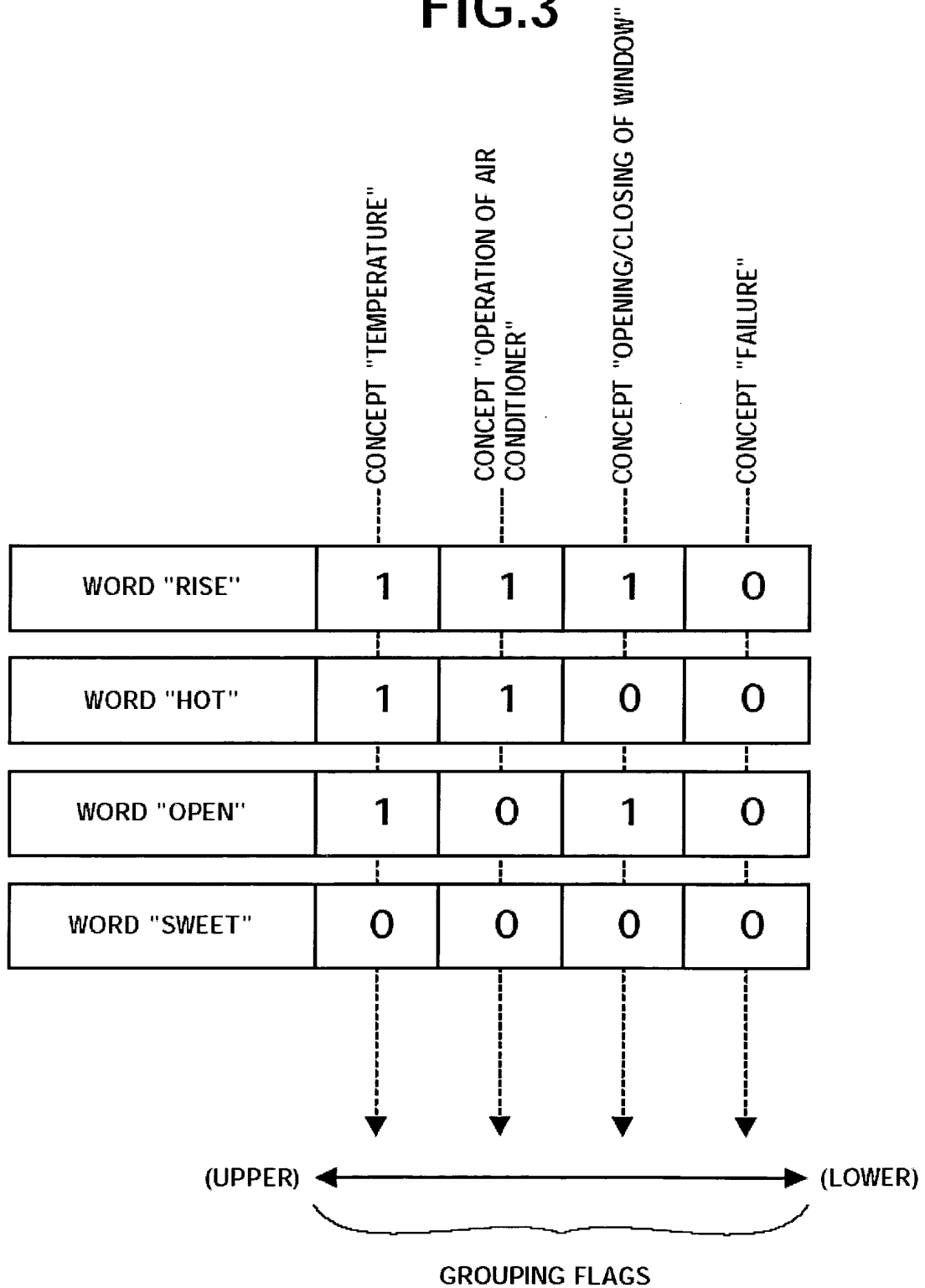


FIG.2

3/14 FIG.3



4/14

TRIGGER ACQUISITION PROCESS SYMBOL : TG	TRANSITION CONSTANT k
TG01 : HOT	0.8
TG02 : OPEN	0.7
TG03 : CONCEPT "TEMPERATURE"	0.5
TG04 : CONCEPT "OPERATION OF AIR CONDITIONER"	0.5
⋮	⋮

FIG.4A

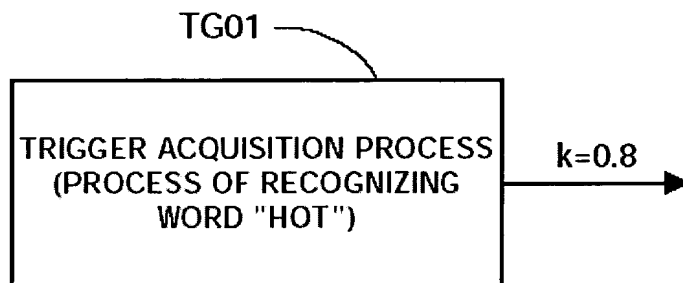


FIG.4B

5/14

DETERMINATION PROCESS SYMBOL : CN _{xx}	TRANSITION CONSTANT k
CN01 : WINDOW OPEN?	Yes : 0.3 No : 0.4
CN02 : IS STATUS ON?	Yes : 0.5 No : 0.3
CN03 : IS ROOM TEMPERATURE 20°C OR HIGHER?	Yes : 0.8 No : 0.5
⋮	⋮

FIG.5A

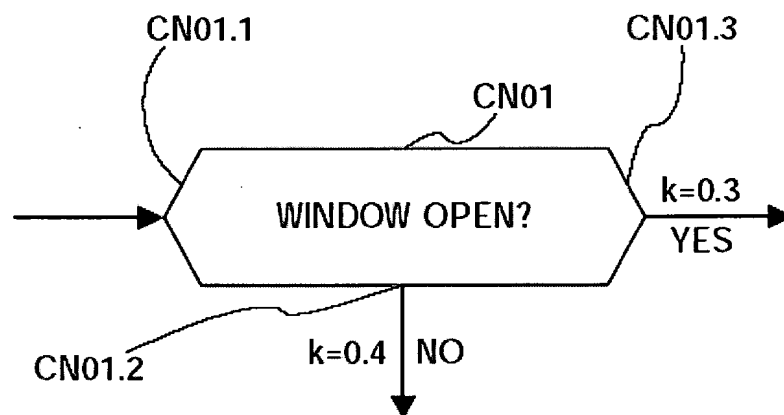


FIG.5B

DETERMINATION PROCESS (INQUIRY MADE) SYMBOL : QBxx	TRANSITION CONSTANT k
QB01 : OPEN WINDOW? OR ACTIVATE AIR CONDITIONER?	WINDOW :0.4 AIR CONDITIONER :0.7
QB02 : CLOSE WINDOW?	Yes 0.5 No 0.3
QB03 : RAISE TEMPERATURE?	Yes 0.8 No 0.5
⋮	⋮

FIG.6A

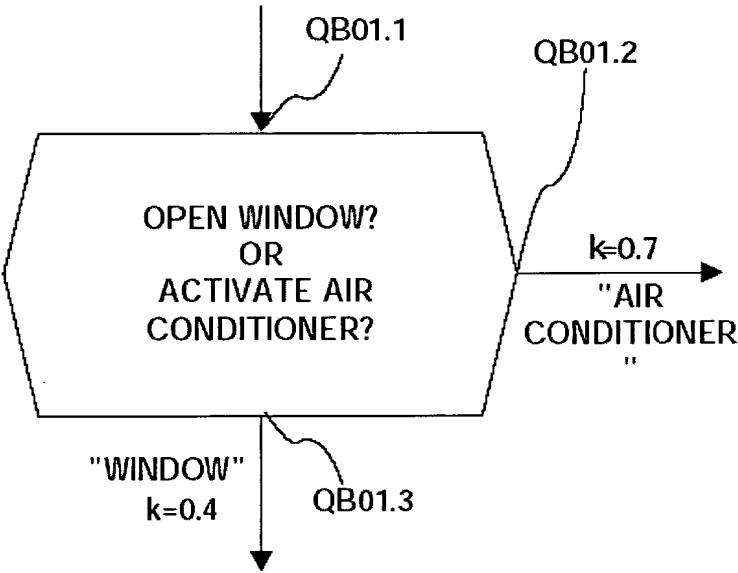


FIG.6B

7/14

OUTPUT PROCESS SYMBOL : EXxx	TRANSITION CONSTANT k
EX01 : CLOSE WINDOW +OPERATE AIR CONDITIONER	0.8
EX02 : ACTIVATE AIR CONDITIONER	0.8
EX03 : OPEN WINDOW	0.8
⋮	⋮

FIG.7A

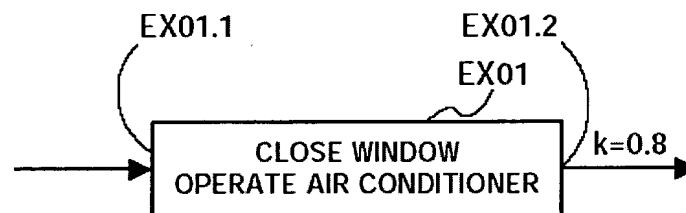


FIG.7B

8/14

WIRE NUMBER W _n	PRECEDING NODE	FOLLOWING NODE	WEIGHTING FACTOR J
W1 = From	(TG01.1)	To (CN01.1),	1.0
W2 = From	(CN01.3)	To (EX01.1),	0.5
W3 = From	(CN01.2)	To (QB01.1),	0.5
W4 = From	(TG02.2)	To (EX03.1),	1.0
W5 = From	(QB01.3)	To (EX03.1),	0.5
W6 = From	(QB01.2)	To (EX02.1),	0.5
W7 = From	(EX02.2)	To (TG03.3),	0.5

⋮

FIG.8

9/14

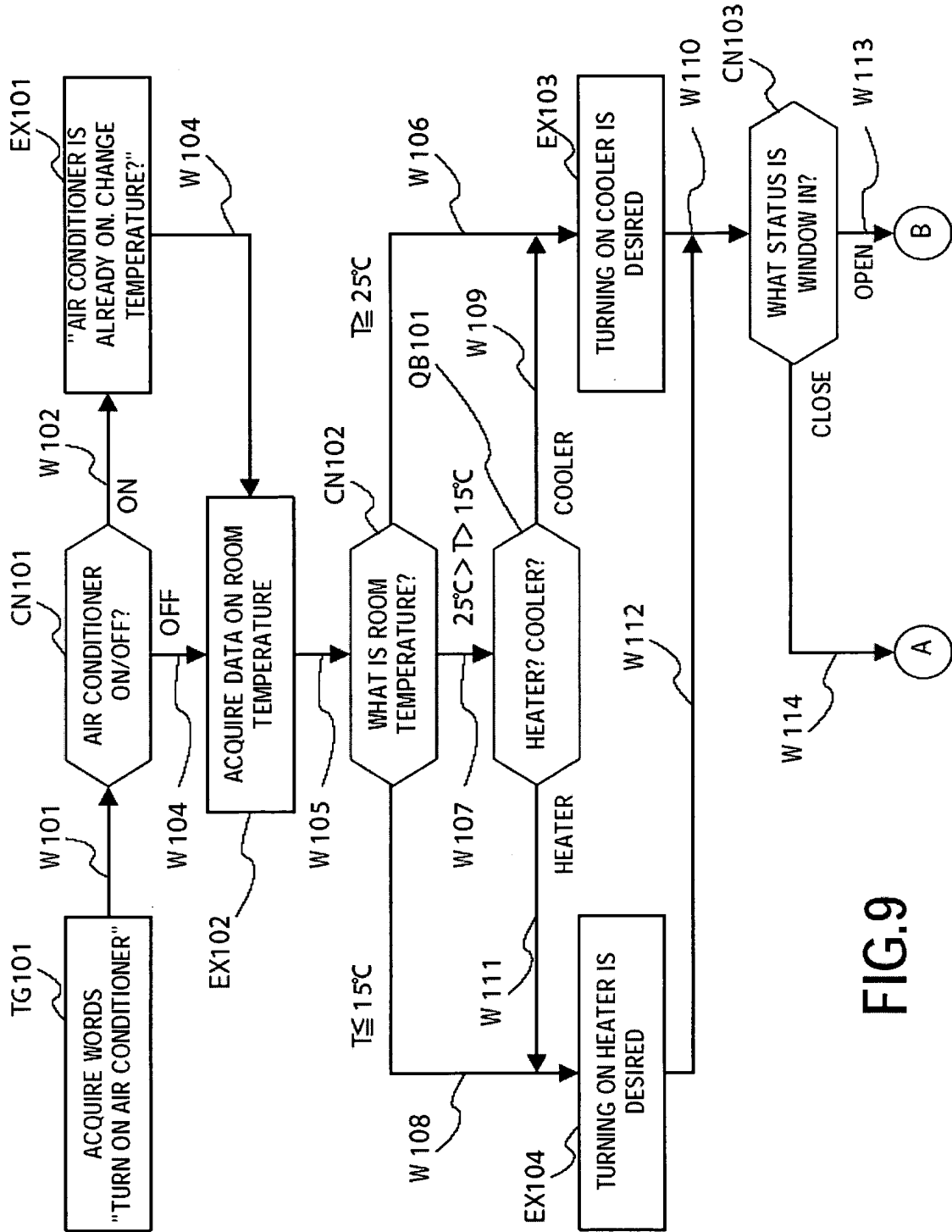


FIG.9

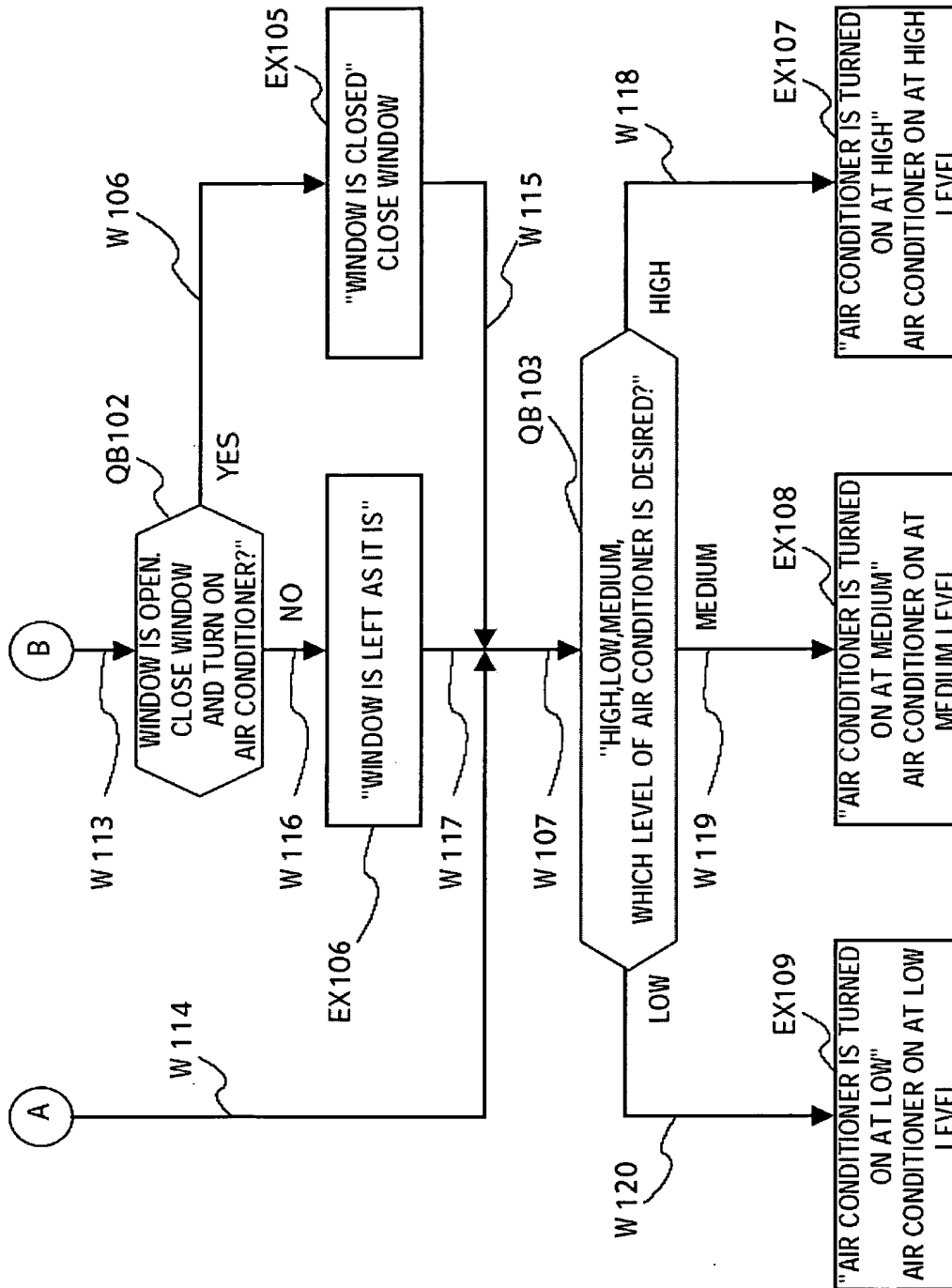


FIG.10

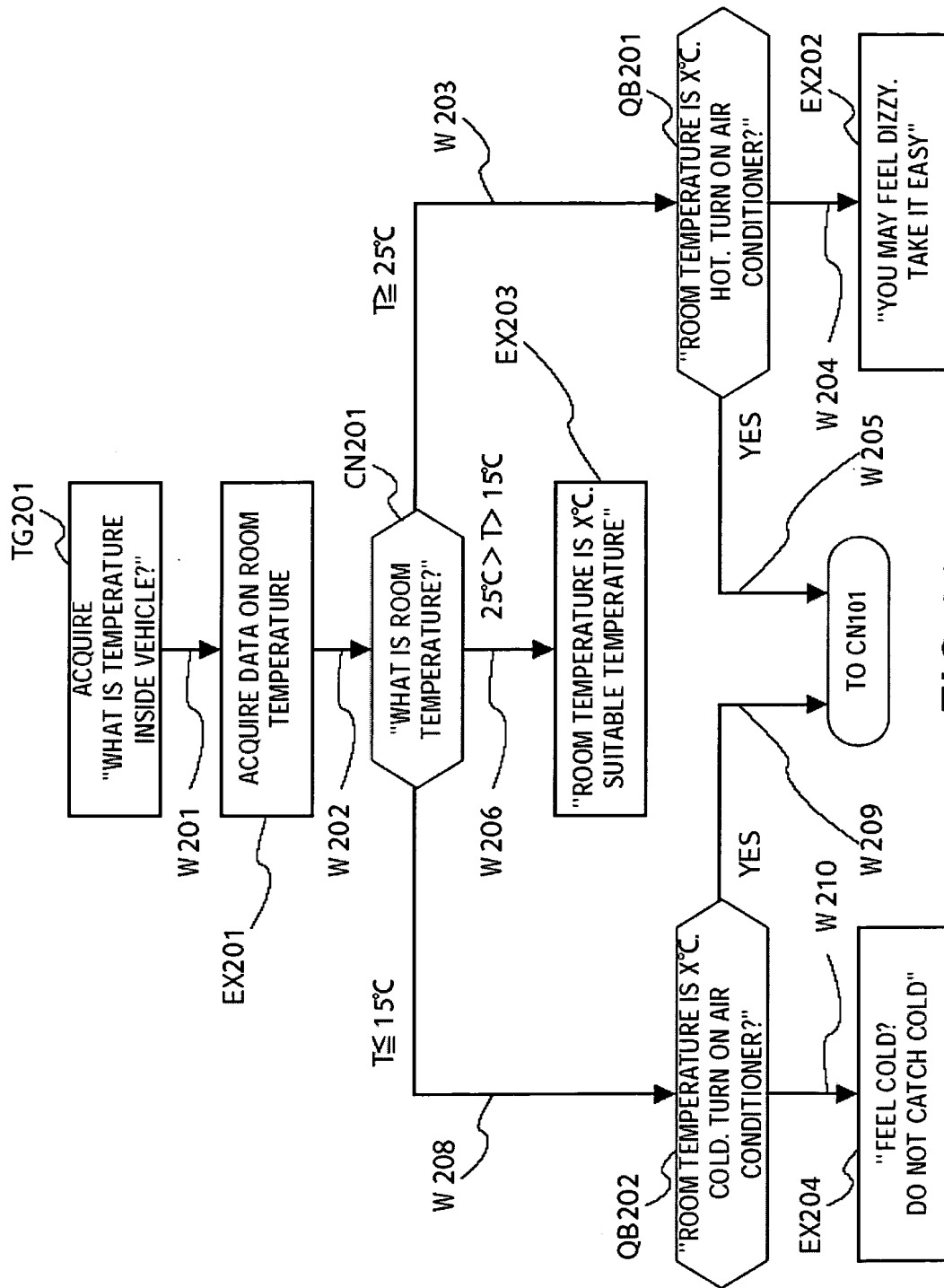


FIG.11

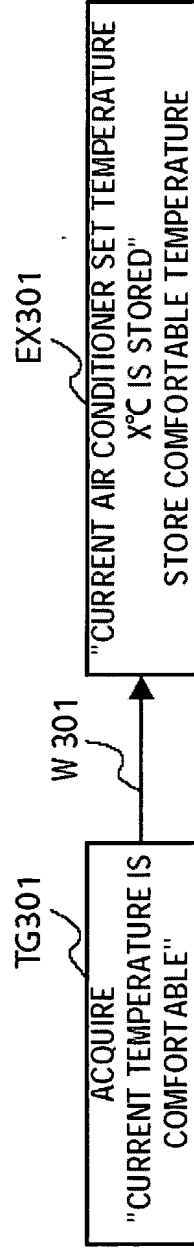


FIG.12A

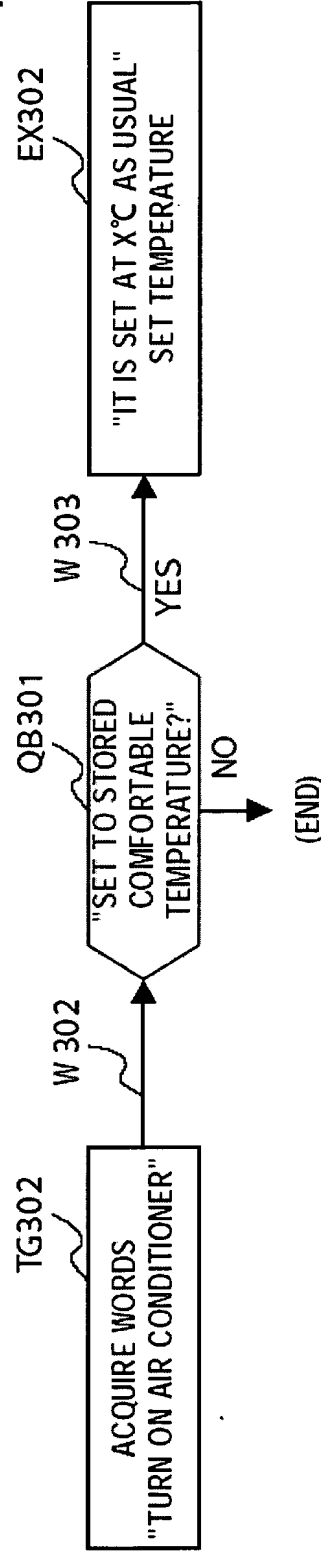
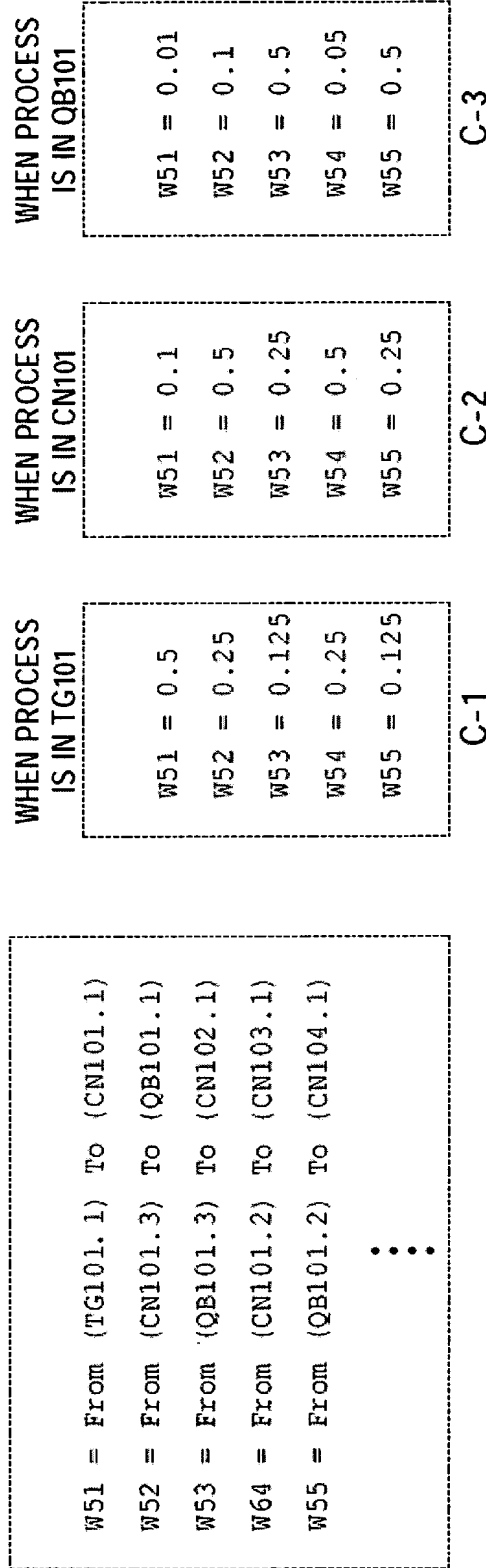
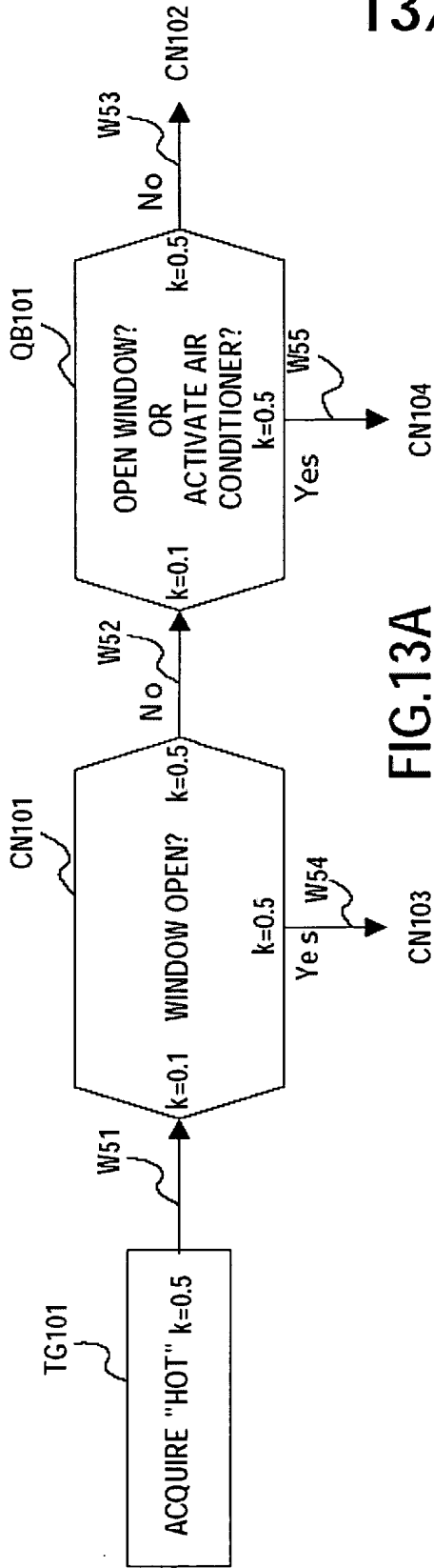


FIG.12B



14/14

FIG.14

